DERWENT-ACC-NO: 2003-478317

DERWENT-WEEK: 200424

COPYRIGHT 2007 DERWENT INFORMATION LTD

TITLE: Call processing simulation device in control
station
                       system and method thereof

INVENTOR: JUNG, M G; CHUNG, M G

PATENT-ASSIGNEE: HYUNDAI SYSCOMM INC[HYUNN]

PRIORITY-DATA: 2001KR-0053182 (August 31, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 408654 B	December 6, 2003	N/A	000	H04Q 007/34
KR 2003019824 A	March 7, 2003	N/A	001	H04Q 007/34

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR 408654B	N/A	2001KR-0053182	August 31, 2001
KR 408654B	Previous Publ.	KR2003019824	N/A
KR2003019824A	N/A	2001KR-0053182	August 31, 2001

INT-CL (IPC): H04Q007/34

ABSTRACTED-PUB-NO: KR2003019824A

BASIC-ABSTRACT:

NOVELTY - A call processing simulation device in a control station
system and a
method thereof are provided to enable a user to directly set a call
process and
messages related to communication standards, so as to generate and
store a
message used under GUI (Graphic User Interface), add or delete each
message, or

generate an optional message.

DETAILED DESCRIPTION - A message editor (10) generates a new call
processing
message, stores the generated message in a file, reads and corrects
the stored
message, and outputs a parameter value for a selected message of
messages
transceived upon call processing simulation. A message header editor
(20)
interworks with each unit to generate a structure and a field of a
new message
header, corrects a structure and a field of a pre-produced message
header, and
outputs a field value of a message header of a message transceived
upon call
processing simulation. A call process editor (30) transceives data,
arranges
sub systems in a control station, selects a message and a message
header to be
used, and selects a link with a sub system to generate a call
process. A call
generator (40) generates a message header and a link of a message for
transmitting the call process produced in the call process editor
(30) to a
main simulator (40) using the second queue, and generates all
messages received
or transmitted by the simulator (40). The main simulator (50) reads
the
message generated by the call generator (40) from the second queue
for delivery
to each corresponding link, and first reads a message to be
transmitted for
delivery to corresponding links if messages to be transmitted and
received are
accumulated on the second queue. And link parts receive messages
from the main
simulator (50) for delivery to drivers, and deliver messages received
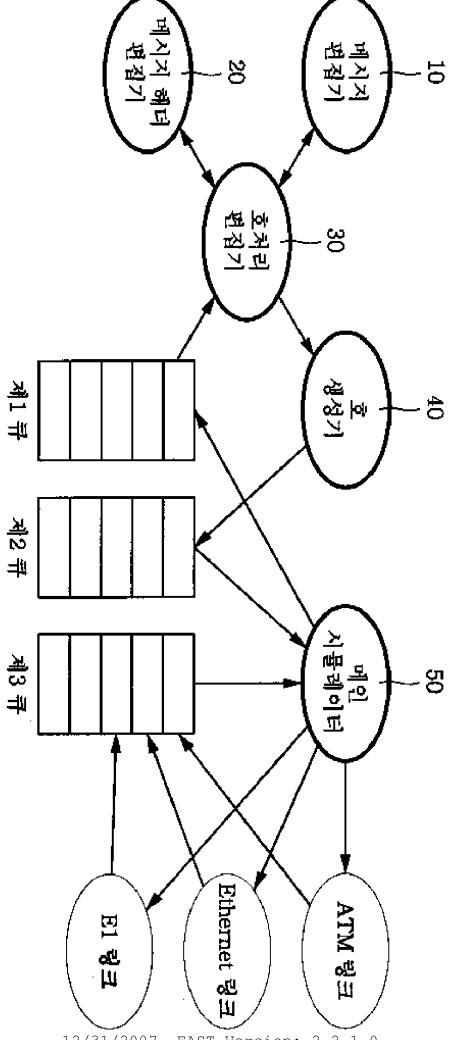from the
drivers to the main simulator (50) through the third queue.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: CALL PROCESS SIMULATE DEVICE CONTROL STATION SYSTEM
METHOD

DERWENT-CLASS: W01

EPI-CODES: W01-C02B; W01-C05B5E;

메시지 편집기 — 10

메시지 헤더 편집기 — 20

흐저러 편집기 — 30

흐 생성기 — 40

메인 시뮬레이터 — 50

제1 큐

제2 큐

제3 큐

E1 링크

Ethernet 링크

ATM 링크